

## ABSTRACT

A system and method for scalable multifunctional network communication between presentation devices and service providers are disclosed. A group of consumer premise equipment (CPE) units are coupled to the presentation devices, and

5 a headend control computer receives upstream messages from the CPE units and for sending downstream messages to the CPE units. A group of service provider control subsystems interface between the headend control computer and the service providers. The head end control computer receives messages from the CPE units and transports them to the service provider control subsystems, and the headend control

10 computer receives messages from the service provider control subsystems and transports them to the CPE units.